THE COMMISSIONER OF PARENTS AND TRADEMARKS WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:



Inventor:	Koji WATANABE, Mikio KUWAHARA, Katsuhiko TSUNEHARA and Kenzaburo FUJISHIMA			
For:	LOCATION DETECTION METHOD, LOCATION DETECTION APPARATUS AND LOCATION DETECTION PROGRAM			

Enclosed are:

- □ 13 sheets of □ formal □ informal drawings.
- Transmittal of certified copy of Japanese application 2001-029560 to claim priority date of February 6, 2001
- ☑ An Information Disclosure Statement with PTO Form 1449 with references...
- An assignment of the invention to Hitachi, Ltd.
- ☑ An Executed Declaration
- ☐ The filing fee is calculated as shown below:

For	Numbi	R FILED	Number Extra	RATE	CALCULATIONS		
TOTAL CLAIMS	17	-20		x\$18 =	0.00		
INDEPENDENT CLAIMS	4	-3	1	x\$84 =	· 84.00		
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$280 =					\$0.00		
BASIC FEE					\$740.00		
			TOTAL OF ABOVE		\$824.00		
REDUCTION BY ½ FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED							
150				TOTAL	824.00		

Please charge my Deposit Account Number	in the amount of	to cover the filing and assignment recordation
fees. A duplicate copy of this paper is enclosed.	•	

- A check in the amount of \$864.00 to cover the filing fee and assignment recordation fee is enclosed.
- The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher

Registration Number 24,344

REED SMITH LLP 3110 Fairview Park Drive Suite 1400 Falls Church, Virginia 22042 (703) 641-4200 January 8, 2002